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### (54) Web application development system

(57) It is demanded to add a new service to the Web quickly and to develop a Web application system in a short period of time to extend a service. It is thus necessary to alleviate the burden on developers or programmers to speed up development, and to cope with complicated systems or to make systems extensible. Thus, the system has to be designed to clearly associate components with one another and separate their respective roles. In the development of a Web application system, each of the components of the servlet, JSP, and

Bean is defined in a one-to-one relationship corresponding to each screen image, thereby making the relationship among each of the components clear. A component table generating unit is provided for generating the definition of each component as a component table from screen design. Also provided is an automatic code generating unit for automatically generating the code of servlet, JSP, and Bean using the component table and the information of the design document. This facilitates the development and alleviates the burden on developers or programmers.

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